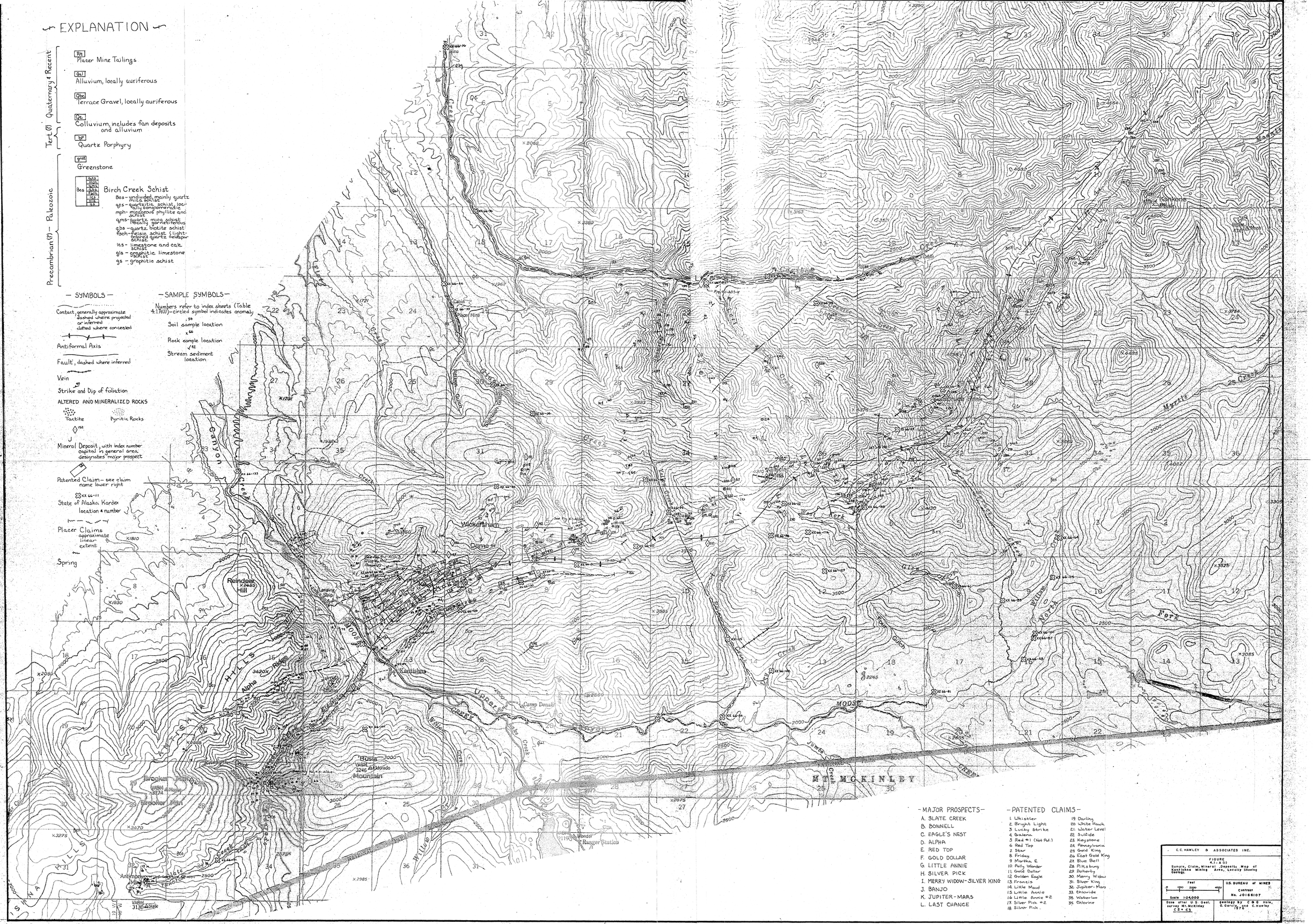
EXPLANATION
Quaternary & Recent
Rt Placer Mine Tailings
Qal Alluvium, locally auriferous
Qbc Terrace Gravel, locally auriferous
Qc Colluvium, includes fan deposits and alluvium
Tert (?)
qp Quartz Porphyry
Precambrian (?) – Paleozoic
gnst Greenstone
Bcs Birch Creek Schist
Bcs – undivided, mainly quartz mica schist
qcs – quartzitic schist, locally conglomeratic
mph – micaceous phyllite and schist
qms – quartz mica schist locally garnetiferous
qbs – quartz biotite schist
fsch – felsic schist (light-colored quartz feldspar schist
lcs – limestone and calc schist
gls – graphitic limestone schist
gs – graphitic schist
– SYMBOLS –
Contact, generally approximate dashed where projected or inferred dotted where concealed
Antiformal Axis
Fault, dashed where inferred
Vein
Strike and Dip of foliation
ALTERED AND MINERALIZED ROCKS
Tactite
Pyritic Rocks
Mineral Deposit, with index number capital in general area designates major prospect
Patented Claim – see claim name lower right
State of Alaska Kardex location & number
Placer Claims approximate linear extent
Spring
– SAMPLE SYMBOLS –
Numbers refer to index sheets (Table 4.1.A(1)) – circled symbol indicates anomaly
Soil sample location
Rock sample location
Stream sediment location
Wickersham Dome
Reindeer Hill
Kantishna
Camp Denali
Busia Mountain
Ranger Station
Antimony Mine
MT MCKINLEY
– MAJOR PROSPECTS –
A. SLATE CREEK
B. BONNELL
C. EAGLE'S NEST
D. ALPHA
E. RED TOP
F. GOLD DOLLAR
G. LITTLE ANNIE
H. SILVER PICK
I. MERRY WIDOW-SILVER KING
J. BANJO
K. JUPITER-MARS
L. LAST CHANCE
– PATENTED CLAIMS –
1 Whistler
2 Bright Light
3 Lucky Strike
4 Galena
5 Red #1 (Not Pat.)
6 Red Top
7 Star
8 Friday
9 Martha E
10 Polly Wonder
11 Gold Dollar
12 Golden Eagle
13 Francis
14 Little Maud
15 Little Annie
16 Little Annie #2
17 Silver Pick #2
18 Silver Pick
19 Darling
20 White Hawk
21 Water Level
22 Sulfide
23 Keystone
24 Pennsylvania
25 Gold King
26 East Gold King
27 Blue Bell
28 Pittsburg
29 Doherty
30 Merry Widow
31 Silver King
32 Jupiter-Mars
33 Chloride
34 Waterloo
35 Chlorine
C.C. HAWLEY & ASSOCIATES INC.
FIGURE 4.1-A (1)
Sample, Claim, Mineral Deposits Map of Kantishna Mining Area, Locality Showing Geology.
Feet
0 1000 2000 4000
Scale 1:24,000
U.S. BUREAU of MINES
Contract No. J0166107
Base after U.S. Geol. survey Mt. McKinley C2 + C3
geology by C & G Hale, G. Garcia, and C. Hawley 1976